Final section: Utilities

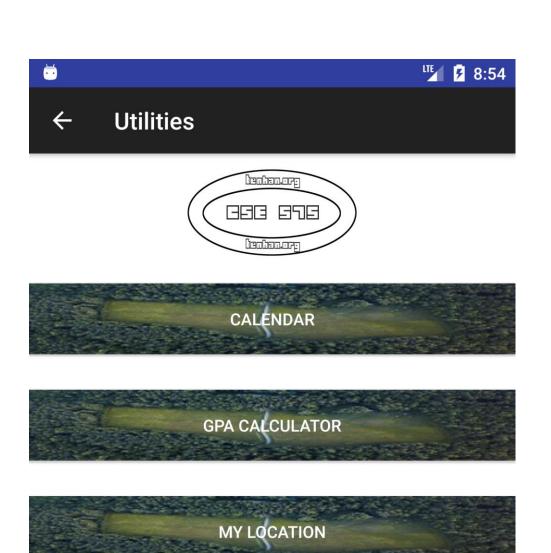
This section is creating an activity to navigate to other sub-activities such as GPAcalculator, Calendar, and MyLocation.

## I. The UI:

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"</pre>
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
   android:layout width="match parent"
    android: layout height="match parent"
    tools:context="com.tando.school.Utilities"
    android:orientation="vertical"
    android:background="#FFF">
    <ScrollView
        android:layout width="match parent"
        android:layout height="match parent">
        <LinearLayout</pre>
            android:orientation="vertical"
            android:layout width="match parent"
            android:layout height="match parent"
            android:layout marginBottom="10dp">
            <!--Logo -->
            <ImageView</pre>
                android:id="@+id/logo"
                android:layout width="150dp"
                android:layout height="100dp"
                android:background="@drawable/mainlogo"
                android:layout gravity="center"/>
            <!--4 sections of the app -->
            <Button
                android: layout width="match parent"
                android:layout height="wrap content"
                android: text="Calendar"
                android:textColor="#FFFFFF"
                android:layout_marginBottom="30dp"
                android:layout marginTop="10dp"
                android:background="@drawable/utilties"
                android:onClick="StartCalendar"
            <Button
                android:layout width="match parent"
                android:layout height="wrap content"
                android:text="GPA Calculator"
                android:textColor="#FFFFFF"
                android:layout marginBottom="30dp"
                android:background="@drawable/utilties"
                android:onClick="StartGPACal"
                />
            <Button
                android:layout width="match parent"
                android:layout height="wrap content"
                android:text="My Location"
                android:textColor="#FFFFFF"
                android:layout marginBottom="30dp"
                android:background="@drawable/utilties"
                android:onClick="StartLoc"
            <!--Social Media -->
            <LinearLayout</pre>
```

```
android:layout width="wrap content"
                android:layout height="wrap content"
                android:layout marginTop="10dp"
                android:orientation="horizontal"
                android:layout gravity="center">
                <ImageView</pre>
                     android:id="@+id/faceBook"
                     android:layout width="wrap content"
                     android: layout height="wrap content"
                     android:layout weight="1"
                     android:src="@drawable/ic facebook"
                     android:paddingRight="5dp"
                     android:onClick="fbClick"/>
                <ImageView</pre>
                    android:id="@+id/googlePlus"
                     android:layout width="wrap content"
                     android: layout height="wrap content"
                     android:layout weight="1"
                     android: src="@drawable/ic_google"
                     android:paddingRight="5dp"
                     android:onClick="googleClick"/>
                <ImageView</pre>
                    android:id="@+id/linkedIn"
                    android:layout width="wrap content"
                    android:layout_height="wrap_content"
                     android:layout weight="1"
                     android:src="@drawable/ic linkedin"
                     android:paddingRight="5dp"
                     android:onClick="linkedInClick"/>
                <ImageView</pre>
                    android:id="@+id/youTube"
                     android:layout_width="wrap_content"
                     android:layout_height="wrap_content"
                     android:layout weight="1"
                     android:src="@drawable/ic youtube"
                     android:paddingRight="5dp"
                     android:onClick="youTubeClick"/>
                <ImageView</pre>
                    android:id="@+id/twitterT"
                     android:layout width="wrap content"
                     android:layout height="wrap content"
                     android:layout weight="1"
                     android:src="@drawable/ic twitter"
                    android:paddingRight="5dp"
                    android:onClick="twitterClick"/>
            </LinearLayout>
        </LinearLayout>
    </ScrollView>
</LinearLayout>
```

Click the run button this section should be like this:





 $\triangleleft$ 









II. Utilities.java: just using intent function to navigate to the sub-pages. Explanations are in the comments

```
package com.tando.school;
import android.content.Intent;
import android.net.Uri;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
public class Utilities extends AppCompatActivity {
    @Override
   protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity utilities);
    //Calendar
   public void StartCalendar (View view) {
        startActivity(new Intent(this, Calendar.class));
    //GPA Calculator
   public void StartGPACal (View view) {
        startActivity(new Intent(this, GPAcalculator.class));
    //MyLocation
   public void StartLoc (View view) {
        startActivity(new Intent(this, MyLocation.class));
    //Location
    //link to FaceBook
   public void fbClick (View view) {
        //use startActivity and Intent methods to parse the link
        startActivity (new Intent (Intent. ACTION VIEW,
Uri.parse("https://www.facebook.com/flitetest/")));
    }
    //google+
   public void googleClick (View view) {
        //use startActivity and Intent methods to parse the link
        startActivity(new Intent(Intent.ACTION VIEW,
Uri.parse("https://plus.google.com/u/0/+google")));
   }
    //LinkedIn
   public void linkedInClick (View view) {
        //use startActivity and Intent methods to parse the link
        startActivity(new Intent(Intent.ACTION VIEW,
Uri.parse("https://www.linkedin.com/in/mbacsusb/")));
    }
    //youtube
   public void youTubeClick (View view) {
        //use startActivity and Intent methods to parse the link
        startActivity (new Intent (Intent. ACTION VIEW,
Uri.parse("https://www.youtube.com/channel/UCwqJShoifP6032UXYe-sD-A")));
    //Twitter
   public void twitterClick (View view) {
        //use startActivity and Intent methods to parse the link
        startActivity(new Intent(Intent.ACTION VIEW,
Uri.parse("https://twitter.com/Google")));
```

}